Interterence and

10/516,319

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|--------|-----------------|------------------------------|---------------------|---------|------------------|
| L1 | 2 | ("3766272").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/14 13:10 |
| L2 | 1 | ("4394523").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/14 13:47 |
| L3 | 128 | (564/451).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/04/14 14:01 |
| L4 | 482184 | catalyst | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/14 13:47 |
| L5 | 85 | I3 and I4 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/14 13:47 |
| L6 | 113465 | N-methyl\$10 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/14 14:02 |
| L7 | 40864 | N-alkyl\$10 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/14 14:02 |
| L8 _ | 137829 | 16 or 17 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/14 14:02 |
| L9 | 27 | I8 and I3 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/14 14:14 |
| L10 | 3087 | monoalkylat\$10 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/14 14:15 |
| L11 | 1589 | polyalkylat\$10 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/14 14:15 |
| L12 | 4242 | l10 or l11 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/14 14:15 |
| L13 | 0 | I12 and I3 | US-PGPUB; USPAT; USOCR | OR | ON | 2006/04/14 14:15 |

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=> d his full

L4

(FILE 'HOME' ENTERED AT 13:29:41 ON 14 APR 2006)

FILE 'REGISTRY' ENTERED AT 13:29:48 ON 14 APR 2006
L1 1180 SEA ABB=ON PLU=ON DIAMINODIPHENYLMETHANE

FILE 'CASREACT' ENTERED AT 13:32:06 ON 14 APR 2006

L2 STRUCTURE UPLOADED

D QUERY

L3 51 SEA SSS FUL L2 (90 REACTIONS)

FILE 'CAPLUS' ENTERED AT 13:33:10 ON 14 APR 2006

51 SEA ABB=ON PLU=ON L3

D CATALYST

L5 922666 SEA ABB=ON PLU=ON CATALYST

L6 18 SEA ABB=ON PLU=ON L5 AND L4

L7 1149052 SEA ABB=ON PLU=ON H2 OR HYDROGEN OR HYDROGENATION

L8 16 SEA ABB=ON PLU=ON L6 AND L7

D L8 1-16 ABS IBIB

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 12 APR 2006 HIGHEST RN 880252-04-0 DICTIONARY FILE UPDATES: 12 APR 2006 HIGHEST RN 880252-04-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *

* the IDE default display format and the ED field has been added, * effective March 20, 2005. A new display format, IDERL, is now

* available and contains the CA role and document type information.

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

FILE CASREACT

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FILE CONTENT: 1840 - 9 Apr 2006 VOL 144 ISS 15

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Some CASREACT records are derived from the ZIC/VINITI database (1974-1991) provided by InfoChem, INPI data prior to 1986, and Biotransformations database compiled under the direction of Professor Dr. Klaus Kieslich.

This file contains CAS Registry Numbers for easy and accurate substance identification.

FILE CAPLUS

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FILE COVERS 1907 - 14 Apr 2006 VOL 144 ISS 17 FILE LAST UPDATED: 13 Apr 2006 (20060413/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

http://www.cas.org/infopolicy.html

=> d l2 L2 HAS NO ANSWERS

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

NH2 NH2 NH2

NH2

Product

Structure attributes must be viewed using STN Express guery preparation.